

ABSTRACT

The invention relates to a data communication method and to a data communication device by way of which different signals can be exchanged with an additional data communicating device using one and the same line and utilizing different frequency ranges. The data communication device has a first signal exchange device that is activated if signals are to be exchanged with the additional data communication device utilizing a first frequency range, and a second signal exchange device that is used in order to exchange signals with the additional data communication device utilizing a second frequency range. The inventive method is further characterized in that the first signal exchange device is activated even if signals are to be exchanged with the additional data communication device using the second signal exchange device and utilizing the second frequency range, in order to avoid line impedance changes that otherwise occur when the first signal exchange device is activated or deactivated and that disturb the signal exchange via the second frequency range.